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- k. a controller in communication with each pump of the plurality of pumps and a network to communicate with at least one client device for remote monitoring and control;
- l. a plurality of pressure gauges, each pressure gauge measuring discharge fluid flowing from a pump of the plurality of pumps, each pressure gauge in communication with the controller;
- m. a power supply electrically connected to the plurality of first pumps, the controller and the charging port;
- n. a plurality of valves; each valve fluidly engaging one of the plurality of suction ports; and
- o. a plurality of back pressure valves, each back pressure valve mounted to one of the first valves, wherein the automated water treatment trailer is operable for automatically providing different fluid flows at remotely controllable pressures related to fluid characteristics and specific gravity and pressure in the water pipe.
2. The automated water treatment trailer of claim 1, comprising from three to five discharge ports for simultaneously engaging the water pipe.
3. The automated water treatment trailer of claim 1, comprising a skid mounted in the enclosure for supporting the plurality of pumps above the frame.
4. The automated water treatment trailer of claim 1, wherein each chemical tote comprises a second valve to control flow of chemicals from the chemical tote to one of the pumps.
5. The automated water treatment trailer of claim 1, wherein each pump comprises a pump controller with a

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display, a pump flow meter, a pump stroke counter, a power indicator, an increase flow button, a decrease flow button, and an alarm indicator.

6. The automated water treatment trailer of claim 1, comprising a locking device connected to each locking door for securely locking the enclosure.

7. The automated water treatment trailer of claim 1, comprising a respective surge protector mounted between the pump controller and the power supply for each pump of the plurality of pumps.

8. The automated water treatment trailer of claim 1, comprising at least one brake for each axle.

9. The automated water treatment trailer of claim 1, comprising a plurality of lights, the plurality of lights each comprising a member selected from the group: consisting of running lights, brake lights and turning lights, clearance lights, fender lights and security lights.

10. The automated water treatment trailer of claim 1, comprising a suction conduit mounted between each chemical tote and suction port.

11. The automated water treatment trailer of claim 1, comprising a discharge conduit mounted between each discharge port of the plurality of discharge ports and the manifold.

12. The automated water treatment trailer of claim 1, wherein the first valves comprise valves selected from the group consisting of a ball valve, a check valve, a butterfly valve, rotary valve, or a three way valve.

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